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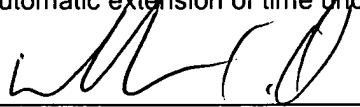
Docket No.: 12928/10018; 569.1006  
Date: February 2, 2009

In re application of: **Catherine CALLENS et al.**  
Serial No.: 10/506,481  
Filed: July 13, 2005  
For: **METHOD FOR DESIGNING A NUCLEAR FUEL ASSEMBLY HAVING A DAMPING GUIDE TUBE, A CORRESPONDING SYSTEM, A COMPUTER PROGRAM AND MEDIUM**

Sir:

Transmitted herewith is a **Response to Final Office Action (6 pgs)** in the above-identified application.

- ☒ Also transmitted herewith are:
- ☐ Petition for extension under 37 C.F.R. 1.136
  - ☒ Return Receipt Postcard
  - ☐ Other:
- ☐ Check(s) in the amount of **\$0.00** is attached to cover:
- ☐ Filing fee for additional claims under 37 C.F.R. 1.16
  - ☐ Petition fee for extension under 37 C.F.R. 1.136
  - ☐ Other:
  - ☐ Other:
- ☒ The Assistant Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0552.
- ☒ Any filing fee under 37 C.F.R. 1.16 for the presentation of additional claims which are not paid by check submitted herewith.
  - ☒ Any patent application processing fees under 37 C.F.R. 1.17.
  - ☒ Any petition fees for extension under 37 C.F.R. 1.136 which are not paid by check submitted herewith, and it is hereby requested that this be a petition for an automatic extension of time under 37 CFR 1.136.

  
William C. Gehris, Reg. No. 38,156

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I hereby certify that the documents referred to as attached therein and/or fee are being deposited with the United States Postal Service as "first class mail" with sufficient postage in an envelope addressed to "Mail Stop: AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on February 2, 2009.  
DAVIDSON, DAVIDSON & KAPPEL, LLC

BY:

  
Danielle C. Sullivan



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re: Application of: Catherine CALLENS et al.  
Serial No.: 10/506,481 Confirmation No.: 2819  
Filed: July 13, 2005  
For: METHOD FOR DESIGNING A NUCLEAR FUEL  
ASSEMBLY HAVING A DAMPING GUIDE TUBE, A  
CORRESPONDING SYSTEM, A COMPUTER  
PROGRAM AND MEDIUM  
Art Unit: 3663  
Examiner: Ricardo J. Palabrica  
Customer No.: 23280  
Atty. Docket: 12928/10018; 569.1006

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 2, 2009

**RESPONSE TO FINAL OFFICE ACTION**

Sir:

In response to the Final Office Action dated November 7, 2008 applicants hereby request reconsideration of the application based on the following remarks.